

**CRITTENDEN COUNTY REPORT
OF
ENDANGERED, THREATENED, AND SPECIAL CONCERN
PLANTS, ANIMALS, AND NATURAL COMMUNITIES
OF
KENTUCKY**

**KENTUCKY STATE NATURE
PRESERVES COMMISSION
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S4 = Apparently secure

S#T# = Intraspecific taxa

S5 = Secure

SNR = Unranked

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S#B = Rank of breeding population

S#N = Rank of non-breeding population

S#M = Rank of transient population

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to be extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statutes	Ranks	# of Occurrences				
						E	H	F	X	U
Crittenden	Vascular Plants	<i>Aesculus pavia</i> Swamp forests, usually stagnant (Weakley 1998); rich damp woods (Gleason & Cronquist 1991); woods and thickets.	Red Buckeye	T /	G5 / S2S3	0	0	0	1	0
Crittenden	Vascular Plants	<i>Cimicifuga rubifolia</i> Cool mountain woods (Gleason & Cronquist 1991); mesophytic forest on n facing (?) slopes, river bluffs and ravines.	Appalachian Bugbane	T / SOMC	G3 / S2	2	1	0	0	0
Crittenden	Vascular Plants	<i>Dodecatheon frenchii</i> OCCURS ON OR UNDER SHADED CLIFFS, SUCH AS SANDSTONE ROCKHOUSES, SOUTH OF THE GLACIAL BOUNDARY (GLEASON & CRONQUIST 1991).	French's Shooting Star	S /	G3 / S3	1	0	0	0	0
Crittenden	Vascular Plants	<i>Fimbristylis puberula</i> Reported in savannahs, bogs, meadows and prairies, open limestone, chert or sandstone glades; cedar glades on limestone in KY.	Hairy Fimbristylis	T /	G5 / S2	2	0	0	0	0
Crittenden	Vascular Plants	<i>Gentiana puberulenta</i> Dry calcareous prairies (cedar glades), barrens and sandy ridges.	Prairie Gentian	E /	G4G5 / S1	1	0	0	0	0
Crittenden	Vascular Plants	<i>Hieracium longipilum</i> Dry prairies, open woods and fields, particularly on sandy soil (Gleason & Cronquist 1991).	Hairy Hawkweed	T /	G4G5 / S2	1	0	0	0	0
Crittenden	Vascular Plants	<i>Muhlenbergia glabriflora</i> BOTTOMLAND FORESTS, MESIC UPLAND FORESTS, BOTTOMLAND AND UPLAND PRAIRIES (STEYERMARK 1999); DRY, DESSICCATED OR BAKED SOILS, GRAVELS, OR ROCKY SLOPES; AND MEDLEY REPORTS WET WOODS, MARSH EDGES AND FIELDS.	Hair Grass	S /	G4? / S2S3	1	0	0	0	0
Crittenden	Vascular Plants	<i>Sedum telephioides</i> Cliffs and knobs, dry rock ledges and cliff in mts.	Allegheny Stonecrop	T /	G4 / S2	1	0	0	0	0
Crittenden	Vascular Plants	<i>Solidago buckleyi</i> WOODS AND BLUFFS.	Buckley's Goldenrod	S /	G4 / S2S3	1	0	0	0	0
Crittenden	Vascular Plants	<i>Sporobolus heterolepis</i> Dry open ground, prairies, glades and woodland openings near glades, rocky cliffs.	Northern Dropseed	E /	G5 / S1	1	0	0	0	0
Crittenden	Vascular Plants	<i>Thaspium pinnatifidum</i> Dry mesic forests with limestone outcropping.	Cutleaf Meadow-parsnip	T / SOMC	G2G3 / S2S3	0	0	0	1	0
Crittenden	Gastropods	<i>Lithasia armigera</i> BARS AND POOLS WITH SAND, GRAVEL, AND ROCK SUBSTRATES (KNPC), SLOPING ROCK OUTCROPS WITH POCKETS OF SAND, GRAVEL AND MUD, PARTIALLY BURIED LOGS, AND ROCK RIPRAP (SICKEL 1988).	Armored Rocksnail	S / SOMC	G3G4 / S3S4	1	0	0	1	0
Crittenden	Gastropods	<i>Lithasia geniculata</i>	Ornate Rocksnail	S / SOMC	G3Q / S1	1	0	0	0	0
Crittenden	Freshwater Mussels	<i>Potamilus capax</i> Occurs in medium to large-sized rivers often around island and back channels, and sometimes in ditches, in mud (ooze); mixed sand, mud, and clay; or fine silt and mud in flowing water at depths of a few inches up to eight feet (Parmalee 1967, Ahlstedt and Jenkinson 1987, Cummings and Mayer 1993, Cummings et al. 1990).	Fat Pocketbook	E / LE	G1 / S1	1	1	0	0	0
Crittenden	Crustaceans	<i>Orconectes bisectus</i> MEDIUM-SIZED STREAMS (HOBBS 1989). AT THE TYPE LOCALITY (BRUSHY FORK), SPECIMENS WERE COLLECTED FROM A MUD AND RUBBLE BOTTOM (RHOADES 1944).	Crittenden Crayfish	T / SOMC	G2 / S1	5	2	0	0	0
Crittenden	Fishes	<i>Acipenser fulvescens</i> LAKES AND LARGE RIVERS WITH A FIRM SAND/GRAVEL BOTTOM (BURR AND WARREN 1986, ETNIER AND STARNES 1993).	Lake Sturgeon	E / SOMC	G3G4 / S1	0	1	0	0	0
Crittenden	Fishes	<i>Ictiobus niger</i> RESERVOIRS AND MEDIUM TO LARGE RIVERS WITH MODERATE TO LOW GRADIENT AND SOMETIME SWIFT CURRENT (BECKER 1983, PFLIEGER 1975, SMITH 1979, TRAUTMAN 1981, AND BURR AND WARREN 1986).	Black Buffalo	S /	G5 / S3	0	1	0	0	0

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Crittenden	Amphibians	<i>Hyla gratiosa</i>	Barking Treefrog	S /	G5 / S3	5	0	0	0	0
		IN KENTUCKY, THE SPECIES IS KNOWN FROM SWAMPS AND SINKHOLE PONDS, SOME OF WHICH ARE SITUATED IN PASTURES, HAYFIELDS, AND AGRICULTURAL CROP FIELDS.								
Crittenden	Reptiles	<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	S / SOMC	G5T2T3 / S3	1	1	0	0	0
		Floodplain sloughs, swamps, hardwood forest and adjacent uplands. Seems to do well in KDFWR moist soils management units on Sloughs WMA, Henderson Co. Seems to avoid wetlands impacted by acid mine drainage (Fide H. Bryan).								
Crittenden	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	2	0	0	0	0
		OPEN FIELDS & MEADOWS W/ GRASS INTERSPERSED W/ WEEDS OR SHRUBBY VEG., ESPEC. IN DAMP OR LOW-LYING AREAS, ADJACENT TO SALT MARSH IN SOME AREAS. IN MIGRATION & WINTER ALSO IN GRASSY AREAS ADJACENT TO PINE WOODS OR SECOND-GROWTH WOODS.								
Crittenden	Breeding Birds	<i>Vireo bellii</i>	Bell's Vireo	S / SOMC	G5 / S2S3B	1	0	0	0	0
		DENSE BRUSH, MESQUITE, STREAMSIDE THICKETS, AND SCRUB OAK, IN ARID REGIONS BUT OFTEN NEAR WATER (B83COM01NA); MOIST WOODLAND, BOTTONLANDS, WOODLAND EDGE, SCATTERED COVER AND HEDGEROWS IN CULTIVATED AREAS. OPEN WOODLAND, BRUSH IN WINT.								
Crittenden	Communities	<i>Limestone slope glade</i>		/	GNR / S2S3	1	0	0	0	0